

CUHEL, V.

CUHEL, V. Construction with large brick blocks in Czechoslovakia. p. 2.

Vol. 7 no. 301, Oct. 1955
CONSTRUCTORUL
Bucuresti, Rumania

So: Eastern European Accession Vol. 5 No. 4 April 1956

CUHLO, V.M. [Tsukhlo, V.M.]; FORGACS, Karoly, dr. [translator]

Causes for lamina separation in chip boards during veneering in
hot presses. Faipar 12 no.7:212-213 J1 162.

RUMANIA/Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref Zhur-Khim., No 24, 1958, 81585.

Author : Cuiban F., Cilianu S., Teodorescu S.

Inst :

Title : The Synthesis of Phenolphthalein With the Application of Chloro-Sulfonic Acid as the Condensing Agent.

Orig Pub: Rev. Chim., 1958, 9, No 3, 151-152.

Abstract: By the action of ClSO_3H (I) on $\text{C}_6\text{H}_5\text{OH}$ (II), the obtained product, 4-HOC₆H₄SC₂H₅, is a good condensing agent for the synthesis of phenol-phthalein (III); the addition of ZnCl_2 decreases the consumption of I and II. One hundred forty-eight grams of phthalic anhydride (IV) and 296 grams of II are heated at 110°C. until completely dissolved, for three hours at 110-115°C., 130 grams of I are added and mixed

Card : 1/2

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RUMANIA/Organic Chemistry. Synthetic Organic Chemistry.

G-2

Abs Jour: Ref Zhur-Khim., No 24, 1958, 81585.

for 20 hours at 115-117°C., diluted with 500 ml of boiling water, the precipitate is washed with boiling water, it dissolved in the theoretical amount of 5% NaOH, is precipitated with diluted HCl until acid to Congo, obtained 240 grams of III. A mixture of 148 grams of IV, 211 gms. of II and 34 grams of ZnCl_2 , are heated at 110°C., 45 grams of I is added within 3 hours, it is mixed for 30 hours at 115-117°C., is treated as described above, and 72-75% of III is obtained, recrystallized from alcohol.

Card : 2/2

CUIBAN, F., and others.

Contributions to the technology of vitamin C. p. 71.

REVISTA DE CHIMIE. Bucuresti, Rumania. Vol. 10, no. 2, February 1959.

MONTHly List of East European Accessions (EEAI), LC. Vol. 8, no. 9, ^{Sept.} 1959.
Uncl.

COUNTRY : Rumania
CATEGORY :

ABS. JOUR. : RZKhim., No. 1959, No. 86751

AUTHOR : Golbar, P.; GILBER, P.
INST. :
TITLE : Study of the synthesis of pyridones (Vitamin B₂).

ORIG. PUB. : Rev. chim. (RPM), 1959, 10, No 7, 74-75

ABSTRACT : An improvement of the method of preparation of vitamin B₂ starting from $\text{CH}_3\text{COCH}_2\text{COCH}_2\text{COCH}_3$ (I) and CH_3COCH_3 (Gabra S. A., Patessa R., J. Agric. Chem. Soc., 1958, 51, 1949). Mixture of 50 g $\text{C}_6\text{H}_5\text{COCH}_3$, 15 g CH_3COCH_3 , and 20 g concentrated H_2SO_4 boiled 3 hours to get $\text{C}_6\text{H}_5\text{COCH}_2\text{COCH}_3$, yield 15%. To 80 g $\text{C}_6\text{H}_5\text{COCH}_2\text{COCH}_3$ and 40 g CH_3COCH_3 added at 70-80°. 180 g 25% solution of CH_3COCH_3 for CH_3COCH_3 , heated 15 minutes to get $\text{CH}_3\text{COCH}_2\text{COCH}_2\text{COCH}_3$, yield 85%. To H_2SO_4 (from 11.5 g Na) in ethanol are added at 15°, 100 g $\text{CH}_3\text{COCH}_2\text{COCH}_2\text{COCH}_3$, and 70 g as before, after 1 hour (temperature up to 15°) 1 is decomposed with 1000 ml 25% NaOH , the resultant extract is mixed with 119 g $\text{CH}_3\text{COCH}_2\text{COCH}_2\text{COCH}_3$, after 24 hours (about 10°)

CARD: 1/2

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COUNTRY : Rumania

G-3

APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00050942

ABS. JOUR. : RZKhim., No. 1959, No. 86751

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : poured in 25% H_2SO_4 at 50°, yield of 3-cyano-4-methoxymethyl-6-methyl-pyridone-2 (II) 50%. To 112 g II and 330 ml $(\text{CH}_3\text{CO})_2\text{O}$ are added, at 70-75°, 45 ml fuming HNO_3 , yield of 3-cyano-4-methoxymethyl-5-nitro-6-methyl-pyridone-2 (III) 55%. Mixture of 50 g III, 270 ml $\text{C}_6\text{H}_5\text{Cl}$, 32 ml POCl_3 , and 5 ml pyridine heated for 1 hour at 135-140° (bath), kept for 24 hours at about 10° to get a 60% yield of 2-chloro-3-cyano-4-methoxymethyl-5-nitro-6-methyl-pyridone-2. 30 g of the latter in 1 liter water and 15 ml concentrated HCl are hydrogenated over 4 g of 10% Pd/C , to the filtrate are added 50 ml concentrated HCl , and there are added at 80°, within 5 hours, 18 g NaNO_2 in 150 ml of

CARD: 2/3

COUNTRY : Rumania

G-3

COUNTRY : G
 CATEGORY :
 ABS. JOUR. : RZKhim., No. 1 1960, No.1144
 AUTHOR :
 INST. :
 TITLE :
 ORIG. PUB. :
 ABSTRACT : 500 ml of $(CH_3O)_2CH_2$, after blowing through
 cont'd with N_2 , acetylene (5-7 atm) is introduced,
 mixed for 30 min and then during 3 hours 98 g
 of cyclohexanone are added, decomposed with
 water and, after treatment with $NaHSO_3$, I is
 obtained, with a yield of 75%. To the mixture
 of 350 g of 12% $NaOH$ and 32 g of $NaBr$, 144 g
 of 13% $NaOCl$ solution are added at 0° , then
 after 30 min 25 g of I + 200 ml of petroleum

CARD: 2/3

G-7

COUNTRY :
 CATEGORY :
 ABS. JOUR. : RZKhim., No. 1 1960, No.1144
 AUTHOR :
 INST. :
 TITLE :
 ORIG. PUB. :
 ABSTRACT : other are introduced, and after 6 hours ($\sim 20^\circ$)
 cont'd II is separated by distillation, with a yield
 of 84%. To 200 g of $COCl_2$ in 2 liters of tolu-
 ene at 0° , the Na-derivative of I, prepared by
 the addition of 120 g of I in 200 ml of toluene
 to 25 g of crushed Na in 1.8 liters of toluene
 ($\sim 40^\circ$) and subsequent mixing during 1 hour,
 is added, then saturated with NH_3 and by dis-
 tillation III is separated out.-- S. Zav'yalov

CARD: 3/3

SEL'MICHIU, I. [Selmiceanu, I.]; CHUSHTYA, G. [Cinstea, G.]; KUYBAN, F.
[Cuibin, F.]; KOSTOV, I. [Costov, I.]

Di(2-chloroethyl)amino derivatives of tyrosine. Part 1:
Synthesis of 3-di (2'-chloroethyl)amino-4-methoxyphenylalanine.
Zhur.ob.khim. 32 no.8:2464-2469 Ag '62. (MIRA 15:9)

1. Khimiko-farmatsevticheskiy issledovatel'skiy institut,
Bukharest.

(Tyrosine) (Sarcosine)

GUIBAN, L.; WASSERMANN, N.

Some considerations on the preparation of 3-dimethylaminopropanol. p. 79.

REVISTA DE CHIMIE. Bucuresti, Rumania. Vol. 10, no. 2, Feb. 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, no. 9, Sept. 1959.

Uncl:

FRANTIU, Ion, ing.; GUIDA, Oleg, ing.; LAIU, Nicolae, ing.; LOZICIU, Martin, ing.

Economic and technical aspects of the manufacture and
technical aspects of the manufacture and utilization of
plated steel rolled goods. Metalurgia Rum 15 no.4:312-316
Ap '63.

L 2045-66 EWA(d)/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c) JD/HW
 ACCESSION NR: AP5027064 RU/0017/65/000/004/0199/0203

AUTHOR: Cuida, O. (Engineer); Avram, Gh. (Engineer) 237

TITLE: Experiments concerning the manufacture of non-corrosive ferritic steel tubes
 in a mill for 3" seamless tubes of the stessbank type 15

SOURCE: Metalurgia, no. 4, 1965, 199-203

TOPIC TAGS: ferritic steel, metal tube, metal test

ABSTRACT: On the basis of the tests reported in this paper, the authors conclude that non-corrosive ferritic steel H 17 could be used to advantage at the Republica Pipe Works, without major changes in manufacturing technology and with significant technical-economic advantages. Orig. art. has 6 figures and 7 graphs.

ASSOCIATION: /Cuida/ Institutul de cercetari metalurgice (Metallurgical Research Institute); /Avram/ Uzinale de tevi "Republica" ("Republica" Pipe Works)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NO REF SOV: 004

OTHER: 004

JPRS

Card 1/1 00

CZECHOSLOVAKIA

CUJAN, J.

Iron Ore Mines (Zelezorudne doly), Ejpvovice

Prague, Casopis pro mineralogii a geologii, No 1, 1965, p 87

"The Use of Iron Ore from Nucicka as Building Material."

CUJEC-DOBROVISEK, B.

YUGOSLAVIA/Nuclear Physics - Nuclear Reactions

C-5

Abs Jour : Ref Zhur - Fizika, No 2, 1958, No 2948

Author : *Cujec-Dobrovisek, B.*

Inst : Not Given

Title : Mechanism of the Reaction $O^{16}(\gamma, 4)$.

Orig Pub : Repts. "J. Stefan" Inst., 1956, 3, 61-77

Abstract : In nuclear emulsions exposed in a gamma-ray beam from a betatron with maximum energy 32 Mev, 142 stars were selected corresponding to the $O^{16}(\gamma, 4)$ reactions. At gamma ray energies less than approximately 24 Mev the reaction goes in 50% first with formation of excited states of the C^{12} nucleus with energy of 9.6 or 10.8 Mev, followed by formation of the ground state of Be^8 . In the remaining 50% of the cases the mechanism is not definite but processes are possible with formation of excited states of C^{12} with energies 12.76 Mev and Be^8 with energies of 3 Mev, and also a direct breakup of the nucleus into four particles. At gamma ray energies above 24 Mev one observes a substantial change in the mechanism of the reaction. From 80 to 90% of the reaction involves

Card : 1/2

YUGOSLAVIA/Nuclear Physics - Nuclear Reactions

CIA-RDP86-00513R00050942

Abs Jour : Ref Zhur - Fizika, No 2, 1958, No 2948

the formation of excited states of the C^{12} nucleus with energy 16.1 Mev and of the Be^8 nucleus with energy of 3 Mev, while in the remaining cases the reaction proceeds with formation of the ground state of Be^8 . The angular distribution obtained by the author for the α particles that constitute of C^{12} nucleus in state with 16.1 Mev energy is in good agreement with the theoretical values calculated for type E1 absorption. The described change in the mechanism of the reaction with increasing gamma ray energy above 24 Mev is explained by the selection rules with respect to the isotopic spin.

Card : 2/2

CUJEC-DOBROVISEK, BIBITANA

CUJEC - DOBOVISEK BIBYANA

YUGOSLAVIA/ Nuclear Physics - Elementary Particles.

C-3

Abs Jour : Referat Zhur - Fizika, No 1, 1958, 339

Author : Cujec - Dobovisek Bibyana

Inst : -

Title : Experimental Discovery of the Neutrino

Orig Pub : Obz. mat. in fiz., 1956, 5, No 2, 67-70

Abstract : No abstract.

Card 1/1

YUGOSLAVIA/Nuclear Physics - Nuclear Reaction.

Abs Jour : Ref Zhur - Fizika, No 6, 1959, 12486

Author : Cujec, B.

Inst : -

Title : Photoprotons from Si, P, and S.

Orig Pub : Repts. "J. Stepan" Inst., 1957, 4, 95-108

Abstract : The author has measured the energy and angular distributions of photoprotons from silicon, phosphorus, and sulfur exposed to bremsstrahlung with a maximum energy of 32 Mev. The proton yields for silicon, phosphorus, and sulfur, expressed in units of 10^5 proton/mole-roentgen are found to be 3.7, 4.3, and 4.8, respectively. The measured distributions were compared with the theoretical ones, calculated on the basis of the model of the intermediate nucleus and the Wilkinson shell model (Referat Zhur Fizika, 1957, No 9, 22159). The energy distributions are in very good agreement with the calculations on the

Card 1/2

CUJEC, Petar

Building of silos in the harbor of Rijeka nearing its completion.
Medun transp 8 no.9:610-613 S '62.

BRCIC, B.S.; CUK, M.

Water vapor for preventing pyrophorus in UO_2 powder.
Vest slov kem dr 9 no.3/4:55-56 J1-D '63.

1. Nuklearni institut "Jozef Stefan", Ljubljana.

CUK, S.

The dumping syndrome as the cause of an acute cerebral failure.
Neuropsihijatrija 10 no.1/2:81-84 '62.

1. Iz Neurolosko-psihijatrijske klinike Medicinskog fakulteta u
Rijeci (Predstojnik: Doc. dr F. Jelasic).

(DUMPING SYNDROME) (HYPOGLYCEMIA)
(BRAIN DISEASES)

CUK, S.

Some socio-medical aspects of alcoholism in Rijeka. Neuro-
psihijatrija 11 no.1:48-55 '63

1. Iz Neuropsihijatrijske Klinike Medicinskog fakulteta u
Rijeci; predstojnik: doc.dr. F.Jelasic.

*

ČUR, S.

Suicide and attempted suicide in the Rijeka district in the light of some general and local informations. Neuropsychiatria 11 no.2:169-177 '63.

1. Iz Neurološko-psihijatrijske klinike Med. fakulteta u Rijeci.
(Predstojnik: Doc. dr. F. Čulisek).

CUK, V., Dr.; WEISGLASS, H., dr.

Sepsis caused by beta-hemolytic Streptococci. Lijec. vjes. 78
no.3-4:165-167 Mar-Apr 56.

1. Iz. Dječjeg odjela Bolnice dra Stojanovica i Centralnog
higijenskog zavoda u Zagrebu.

(MENINGITIS, etiol. & pathogen.

β -hemolytic Streptococci, with septic gonitis in child
(Ser))

(KNEE, dis.

gonitis caused by β -hemolytic Streptococci, with
meningitis in child (Ser))

(STREPTOCOCCUS, infect.

meningitis & gonitis in child caused by β -hemolytic
Streptococcus (Ser))

CUKELJ, Fabijan

CUKELJ, Fabijan, major, dr.; FRANCISKOVIC, Vinko, major, dr.

Radical treatment of tuberculosis of the spine. Voj. san. pregl.,
Beogr. 11 no.3-4:99-100 Mar-Apr 54.

1. Vojno ljeciliste sa kostanu-sglobnu tbs., Lovran
(TUBERCULOSIS, SPINAL, surg.)

GUKEJ, F.

Cardiorrhaphy in penetrating wound of the heart. Acta chir.
ingosl. 3 no.4:380-384 1956.

1. Kirursko, odjeljenje Vojne bolnice u Zagrebu (nacelnik puk,
dr. Franc Kleinhappel).

(HEART, wds. & inf.

surg., cardiorrhaphy in penetrating wd. of left ventr.
(Ser))

CuKer, E

**POLAROGRAPHIC DETERMINATION OF URANIUM IN
ORES IN ASCORBIC ACID SUPPORTING ELECTROLYTE.**
M. Čadić, I. Gal, and E. CuKer (Inst. of Nuclear Sciences
"B. Kidrič", Belgrade, Yugoslavia). *Anal. Chim. Acta* 11,
586-9(1954) Dec.

A polarographic determination of uranium in ores using 0.5M l-ascorbic acid as supporting electrolyte is described. Four different ores were analyzed, and the results compared with those obtained by other analytical methods. No previous chemical separations were necessary. The method is simple, rapid, and seems to be suitable for routine analyses of samples with a uranium content above 0.01%. In the concentration range 0.01 to 0.5%, the relative error of determination is 2 to 5%; above 0.5% the precision is much greater. Fe, Pb, and Pb interfere in this method under the conditions described (pH 3.5 to 4.0), but the interference due to lead is eliminated in many cases by lowering the pH of the solution. (auth)

Am. L. L.

CUKER KAREL

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and J-3
Their Application - Medicinals, Vitamins, Antibiotics

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 5569

Author : Cuker Karel

Inst : Not given

Title : Obtaining a Preparation Having a High Content of Carotin
from Carrots

Orig Pub : Prumysl potravin, 1955, 6, No 7, 364

Abstract : Study of an improved procedure for the recovery of a
preparations from carrots with the view of utilizing the
method for obtaining betacarotin from alfalfa and nettles
which contain more carotin (C) than the carrots. From
partially dried carrots 50-60% of the juice are expressed.

Card 1/2

APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R0005094

CZECHOSLOVAKIA / Chemical Technology. Chemical Products J-3
and Their Application - Medicinals, Vitamins,
Antibiotics

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 5569

Abstract : The juice is heated at 85-90° until the pH is 4.5-6.0.
By adding coagulating proteins to the juice almost all
the C is recovered. The protein precipitate has a volume
equal to 1/10-1/20 of the total volume of the juice.
The juice is decanted, the precipitate is dried to a dark-
brown product containing 65 000 % per 100 g. The product
is ground and the powder is used for enrichment with
vitamin. From the dried cores C is obtained by extract-
ion with gasoline, and the C is made into an oil concen-
trate of a given titer. The advantage of this procedure
is the low loss of C (less by 50% than in other procedures.
According to Soviet norms losses of C are as high as
40% whereas in the above-described procedure losses of
C are of 15-25%.

Card 2/2

CUKERNIK, L.V.

Note on the article "New excitation control in our generators" by L.
Postler. Energetika Cz 11 no.10:524 0 '61.

BAGDZIUS, B., otv. red.[deceased]; CUKERZIS, J., red.; LAPINSKAITE, J.,
red.; MANIUKAS, J., red.; KAMINSKIENE, L., red.

[Hydrobiological studies of Dukstas area lakes] Duksto ezeru
hidrobiologiniai tyrimai. Gidrobiologicheskie issledovaniia
Dukstasskikh ozer. Vilnius, Leidykla "Mintis," 1964. 146 p.
[In Lithuanian and Russian] (MIRA 18:2)

1. Lietuvos TSR Mokslu Akademija, Vilna. Zoologijos ir para-
zitologijos institutas.

GUKIER, J.

Inclined cableway for parachute exercises. p. 12. (SKRZYDLATA POLSKA, Warszawa, Vol. 11, No. 5, Jan. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

CUKIERMAL, H.

Tasks of clothing plants in Breslau for 1955 based on achievements of 1954. p. 68.
ODZIEZ, Lodz, Vol. 6, no. 5, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

CUKINA, I.

Probelms of the mainteneance of 4th-order vicinal roads. p. 201.
(Cest# i mostovi, Vol. 5, No. 5, May 1957, Zagreb, Yugslovia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

CUKMASOV, Konstantin, dipl inz. (Cpatija, Nazcrova 4)

Separation of copper from mine waters. Rudar glasnik 2:
55-70 '64.

YUGOSLAVIA

CUKOR, E., Veterinary Institute (Veterinarski Zavod), Subotica.

"Comparative Study of the Effect of Various Iron Preparations on the Prevention of Anemia in Piglets."

Belgrade, Veterinarski Glasnik, Vol 17, No 9, 1963, pp 807-815.

Abstract: [Author's English summary modified] The author experimented with the application of a number of iron preparations to a total of 251 piglets from 26 different sows (12 Holland Whites and 14 Yorkshires) on the Bikovo state farm near Subotica from 6 May to 30 July 1962. The results showed that Myofer (product of Hoechst) and Pigdex-100 (product of Cyanimid) are extremely high-quality products for parenteral administration with the great advantage of a single application with certain effect, that Dufferon (product of Philips-Duphar) is of equally high quality for oral administration and for purposes of prevention rather than therapy, that Iron-dextron (product of Poland) and Ferroline (product of Taro-vit) are just barely satisfactory except perhaps with repeated doses, and that Miap (product of Kalinovic, Zagreb) is usable only if the initial hemoglobin concentration is rather high.

Three tables, three graphs, four Western and four Yugoslav references.

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35

CUKOR, Gt.

Magyar Technika
Hungarian Engineering
1950
no. 11-12 nov. - dec.

Gy. Cukor:
 Establishing independent accounting units
 within the plants of the Czechoslovak
 machine industry

ASD-3LA METALLURGICAL LITERATURE CLASSIFICATION

FROM DIVISION

SELECT ONE ONLY

FROM DIVISION

SELECT ONE ONLY

CUKOR, GY.

"Robert Balint's and Andor Gesztis A Diszpacsérrendszer Irányítás Alkalmazása
(Application of the Routing System); a book review." p. 32 (TOBBTERMELES.
Vol. 8, No. 12, Dec. 1954; Budapest, Hungary.)

So: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4,
April 1955, Uncl..

CUKOR, GY.

CUKOR, GY. - Gep - Vol. 7, no. 5, May 1955.

Basic principles of standardization of operational directives. p. 185.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

CUKOR, GY.

CUKOR, GY. Remarks on "Viewpoints in Selecting Technological Variations in Cutting and Machining Methods." p. 223.

Vol. 7, No. 6, June 1955.

GEP.

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

CUKOR, G. (Budapest V. Nador u.7)

Some problems of the long-range planning of labor productivity in industry. Periodica polytechn electr 4 no.1:37-53 '60. (EEAI 10:1)

1. Institute for Economics of the Hungarian Academy of Sciences.
(Labor productivity)

PEREDY, Sándor; MONATH, Lajos; RAPELIUS, Karl (Leipzig); CALLEMBERG, Waldemar (Leipzig); LIPKA, Ceslav (Praha); FREIBERGER, Rudolf, dr. ing. (Praha); SCHENKEL, Gerhard, dr. ing. (Karlsruhe); MIKULSKI, Jan, dr. ing. (Katowice); FRATZSCHER, Wolfgang, dr. ing. (Drezda); BENEDEK, Istvan; CUKOR, Gyorgy; SAGI, Marton; SOVARY, Emil; NAGY, Csaba (Roman Népkoztársaság); ELEFTERESCU, M. (Roman Népkoztársaság); KOVACS, Istvan (Roman Népkoztársaság); LAZAR, Peter, dr.; MEJRO, Cz., prof. (Varso); KOKOVAY, Janos, dr.; SCHAEFFER, Helmuth, dr. ing. (Karlsruhe); BORBAS, Nandor; GRUHN, Gunther, Dipl. ing. (Drezda); SZABO, Bendeguz; GYORI, Attila; MOLNAR, Laszlo; RECZEY, Gusztav, dr.

Determination and application of specific power utilization indexes. Ipari energia 3 no.1/2:15-22 Ja-F '62.

1. Koho- es Gepipari Miniszterium Ipargazdasagi es Uzemszervezesi Intezete (for Peredy).
2. Obudai Hajoggyar (for Monath).
3. Orszagos Energiagazdalkodasi Hatosag (for Benedek and Reczey).
4. Magyar Tudomanyos Akademia Kozgazdasagtudomanyi Intezete (for Cukor and Sagi).
5. Eromu Tervezo Iroda (for Sovary).
6. Konnyuipari Miniszterium (for Kokovay).
7. Voros Csillag Traktorggyar (for Borbas).
8. Kobanyai Muanyaggyar (for Szabo).
9. Koho- es Gepipari Miniszterium Energiaosztaly (for Molnar).

CUKOR, Gy. (Budapest, V., Nador u.7)

Long-term planning methods for the production and allocation
of energy. Periodica polytechn electr 7 no. 3:209-226 '63.

CUKOR-LAPTOS, Nada

Settlements of over 10,000 inhabitants in Yugoslavia. Geogr
hor 9 no.1/2:64-66 '63.

YUGOSLAVIA / Analytical Chemistry. Analysis of Inorganic E-2
Substances.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 999.

Author : Krajovan - Marjanovic, V.; Hlavaty, M., Habekovic,
M., Cukovic, V.

Inst : Not given.

Title : The Electrographic Method for Determining Alloying
Elements in Steels.

Orig Pub: Kemija u industriji, 1958, 7, No 2, 33-38.

Abstract: Methods for the electrographic determination of
Cr, Ni, Co, Mo and V in steels using Schleicher-
Schull 576 and Whatman No 50 were developed. To
determine 5-13% of Cr, a mixture of 0.5 M Na_2CO_3
[sic] and NaNO_3 (3:1) solutions is used as the
electrolyte and as the reagent for CrO_4^{2-} — a 1%

Card 1/4

YUGOSLAVIA / Analytical Chemistry. Analysis of Inorganic E-2 Substances.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 999.

Abstract: diphenylcarbide solution (followed by treatment with 5% acetic acid). In the Ni determination, the electrolyte used is a mixture (1:1:1:2) of 5% $(\text{NH}_4)_2\text{S}_2\text{O}_8$, 5% NaF, 0.5M sodium potassium tartrate and 5% tartaric acid solution; Ni^{2+} is determined with a 2% dimethylglyoxime solution. For the determination of Co, 2N solution of ammonium acetate and as the reagent a 2% solution of α -nitroso- β -naphthol are used. For the determination of Mn a 0.5M solution of sodium potassium tartrate serves as an electrolyte; prior to the determination, Mn is converted into a cyanide complex by treatment with a mixture of 1% solutions of KCN and NH_4OH , is acidified by 5% H_2O_2 to Mn^{4+} and then is determined with 1% ben-

Card 2/4

YUGOSLAVIA / Analytical Chemistry. Analysis of Inor- E-2
ganic Substances.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 999.

Abstract: zidine acetate solution. For the determination of Mo is used a mixture (1:1:1) of 0.5 M sodium potassium tartrate, 0.5 M ammonium citrate and a 5% solution of $(\text{NH}_2)_2\text{C}_2\text{O}_4$ are used as the electrolyte; Mo is determined by a successive treatment with a 10% solution of potassium ethyl xanthogenate and 10% HCl. Ten percent HNO_3 serves as the electrolyte for V; the vanadyl is acidified with a 5% KMnO_4 solution to V^{5+} , and then is treated consecutively with 5% SnCl_2 and $\text{C}_6\text{H}_5\text{NH}_2$ solutions. In all of the cases, the current density was 20 ma/cm.²; voltage was 1.5 mv.; the duration of electrographic analysis was 60

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APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R000509

YUGOSLAVIA / Analytical Chemistry. Analysis of Inor- E-2
ganic Substances.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 999,

Abstract: seconds. For studying the microstructure of steel, a 0.5 M $\text{K}_4\text{Fe}(\text{CN})_6$ solution is used as the electrolyte and a 5% solution of acetic acid as the reagent. -- T. Levi.

Card 4/4

RADOSAVLJEVIC, S.D.; DRAGOJEVIC, M.D.; CUKOVIC, O.Lj. (Miss)

Combined water-repellent agents based on silicones. Pt.1.
Glas Hem dr 27 no.7/8:447-455 '62

1. Faculty of Technology, Institute of Inorganic Chemistry,
Belgrade.

L 34922-66 EWP(e)/EWP(v)/T WW/WH
ACC NR: AP6026582 SOURCE CODE: CZ/0057/65/000/008/0327/0328
AUTHOR: Cukr, B. (Engineer); Kracmarova, E. (Engineer)
ORG: SONP, Kladno
TITLE: Lining of outlet troughs of steel furnaces
SOURCE: Hutnik, no. 8, 1965, 327-328
TOPIC TAGS: metallurgic furnace, magnesite, mechanical engineering
ABSTRACT: The authors describe a method which they developed on a 40-ton Martin furnace. The steel shell is lined with normal shaped refractories made of chromemagnesite material. The mortar consists of a slurry of magnesite powder in water glass; the lining is dried out. Any possible damage can be repaired by using the mortar mentioned above. Chromemagnesite powder in water glass may also be used instead on the magnesite - water glass mixture. Acid mortars must not be used. Up to 250 charges may be passed through the trough before a complete new lining is needed. Orig. art. has: 7 figures. [JPRS]
SUB CODE: 13 / SUBM DATE: none

Card 1/1 ULR

09/6 2277

HRIBERNIK, E.; MOJIC, R.; JOST, J.; CUKROV, J.; MESOJEDIC, B.

Adsorption of phenols on the Yugoslav coals and cokes.
Vest Slov kem dr 9-no.1/2:21-26 Ja-Je '62.

1. Institut za kemijo Univerze v Ljubljani.

BARANOWSKI, B.; CUKROWSKI, A. S.

The general equation of marker velocity in transfer processes. *Bul chim PAN* 9 no.4:253-256 '61.

1. Institute of Physical Chemistry, Polish Academy of Sciences.
Presented by M. Smialowski.

(Equations) (Temperature) (Isobars)
(Chemical reaction, Rate of)

BARANOVSKIY, B. [Baranowski, B.]; TSUKROVSKIY, A.S. [Cukrowski, A.S.]

Some comments on the paper by D.K. Belashchenko and A.A. Zhukhovitskii "On the theory of electrolytic transport."
Zhur. fiz. khim. 36 no.9:2096-2097 S '62. (MIRA 17:6)

1. Institut fizicheskoy khimii Pol'skoy Akademii nauk.

BARANOWSKI, Bogdan; CUKROWSKI, Andrzej Szczesny

Transfer processes in solid metallic alloys. Archiw hutn 9
no. 1:31-54 '64.

1. Institute of Physical Chemistry, Polish Academy of Sciences,
Warsaw.

L 04545-67 EWP(c)/EWP(k)/EWP(h)/T/EWP(1)/EWP(v)

ACC NR: AP6010596

SOURCE CODE: YU/0009/65/000/004/0385/0390

AUTHOR: Ćulafić, Milovan (Graduate engineer)

ORG: none

TITLE: Automation of switching from urban electric alternating current networks to auxiliary generators and vice versa

SOURCE: Vazduhoplovni glasnik, no. 4, 1965, 385-390

TOPIC TAGS: high power switch, switching circuit, electric network

ABSTRACT: A general discussion is presented on the importance of maintaining the continuous operation of various electrical and electronic equipment of modern airfields (radar, radio communication equipment, light signals, etc.). A survey of the two existing systems for automatic switching from urban electrical a-c network to auxiliary stand-by generators and vice versa is given. The equipment involves breaks in electrical supply lasting several seconds and the so-called no break units. Orig. art. has: 2 figures.

SUB CODE: 09/ SUBM DATE: none/ ORIG REF: 003/ OTH REF: 005

Card 1/1 *gd*

CULAN, Nikola

Organization of the dispatching service. PTT Zajed 5 no.
7: 13-22 N-D '63.

1. Clan Redakcionog odbora, "PTT; Strucni casopis Zajednice jugoslovenskih posta, telegrafa i telefona".

CULAV, Ivo, inz.

A suggestion about totally automatized plants. Automatika 5
no.5:379-383 '64.

1. Electrode and Ferroalloy Plant, Sibenik.

PAUNESCU, Cornelia, conf.; VREJONU, Gh., dr.; NORTEZ, I., dr.;
STOLESCU, V., dr.; PANA, I., dr.; BELSICOMNU, O., dr.
CULEA, C., dr.; MIROESCU, C., dr.; DUMITRESCU, Elena, dr.;
ANDONE, C., dr.

Considerations on the otomastoid localization of parotid-
pituitary adenomatosis. Otorinolaringologie (Bucur) 10
no.129-130 Dec-Nov85.

1. Linare efectuata in Clinica de otorinolaringologie,
Bucuresti.

RUMANIA/Cultivated Plants - Medicinal. Essential Oil-Bearing.
Toxins.

M

Abs Jour : Ref Zhur Biol., No 12, 1958, 53871

Author : Culcer, Alexandru

Inst :

Title : Observations of the Phytoncidic and the Styptic Action
of the Roundleaf Sundew (*Drosera rotundifolia*)

Orig Pub : Natura (Romin.). 1956, 8, No 6, 113-116

Abstract : The phytoncide properties of rabies were determined as
the result of the effect of sundew juice on the rabies,
varus, and in feeding baby chicks suffering from K avi-
taminosis with raw sundew plants and the extract from
dry leaves, the styptic effect and complete recovery
were observed. -- B.T. Matiyenko

Card 1/1

CINCER, G.

The actual operation of the production plan through internal commands in the metallurgy industry takes place with mediocre series production. METALURGIA SI CONSTRUCTIA DE MASINI (Metallurgy and Machine Constructin.) 2:70:Feb 55

TIMOC, I.; HICA, L.; PETRESCU, G.; MAUKSCH-KOVATS, M.; CULCITGHI, N.

Pulmonary excision in a child aged six months. Rumanian M Rev. no.3:
36-37 JI-S '60.

(PNEUMONECTOMY in inf. & childh.)

CULCZYŃSKI, Zygmunt

POLAND/Chemical Technology, Chemical Products and Their
Application, Part 3. - Food Industry.

H-28

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34321.

Author : Zbigniew Bożyk, Kazimierz Szafranski, Halina Goch,
Zygmunt Culczyński, Anna Jastrzębska.

Inst : ~~not given.~~

Title : Nutritious Value of Some Canned Meat.

Orig Pub: Przem. spozywczy, 1956, 10, No 11, 464 - 467.

Abstract: The investigation of canned meat "Beef Goulash",
"Pork Goulash" and "Sausage" concerning their water,
protein, fat, ashes and carbohydrate contents showed
that "Pork Goulash" was the most calorific; "Beef
Goulash" was rich in protein.

Card : 1/1

GULLA, J.

"Automatic Cutoff for Machine Tools." p. 204. Praha, Vol. 2, no. 5, May 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

1.1.1.1.1.1

ACCESSION NO. 1.1.1.1.1.1

AE 0017 54 0001 000 000

AUTHOR: 1.1.1.1.1.1

TITLE: Molybdenum disulfide as an additive in lubricants used for the deformation of metals

SOURCE: Metallurgia

TOPIC TAGS: additives; molybdenum disulfide; lubricating compound

ABSTRACT: The authors have studied the effect of molybdenum disulfide on the deformation of various steels. It is shown that the addition of this compound to the lubricant used in steel production increases the ductility and strength of the metal and concludes that this is a profitable method of increasing the strength of the metal. The authors also conclude that the addition of molybdenum disulfide to the lubricant is a profitable method of increasing the strength of the metal.

ASSOCIATION: 1.1.1.1.1.1

SUBMITTED: 1.1.1.1.1.1

NO KEY 201: 000

OTHER: 001

JPRS

Cord 1.1.1.1.1.1

CULEK, A.

Culek, A.

Study of flora in the Caslav area from the viewpoint of conservation of wildlife.
p. 53.

Lappic state reservation. (To be contd.) p. 58.

Vol. 10, no. 2, March 1955
OCHRANA PRIRODY

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9,
Sept. 1955, Uncl.

CULEK, A.

Basic connection of tunnel diodes. Automatizace 8 no.2:50-51
F '65.

HAVEL, Jan, inz.; CULEK, Antonin

Modules for transistorized circuits. Slaboproudy obzor 22 no.5:
298-302 '61. (KEAI 10:7)

1. Ustav teorie informace a automatizace Ceskoslovenske akademie ved.
(Transistor circuits)

L 1720-66

ACCESSION NR: AP5024076

CZ/0039/64/025/012/0707/0714

AUTHOR: Havel, Jan (Engineer, Candidate of sciences); Gulek, Antonin (

TITLE: Special counters designed with decatrons

SOURCE: Slaboproudý obzor, v. 25, no. 12, 1964, 707-714

TOPIC TAGS: electronic component, circuit, design, circuit reliability

ABSTRACT: The application of various types of decatrons to special counter circuits is discussed. One Czech (11TU7, by TESLA), two Soviet (OG3 and OG4), one British (GS10D) and two Swiss (EZ10B and ECT100) decatrons are compared, and the operational reliability of the Czech product is termed inadequate. Circuit diagrams, photographs and detailed descriptions are given of special (preset and reversible) counters designed with decatrons. Orig. art. has: 12 figures.

ASSOCIATION: Ustav teorie informace a automatizace CSAV, (Institute of the Czechoslovak Academy of Sciences CSAV)

SUBMITTED: 25May64

ENCL: 00

SUB CODE: EC

NR REF SOV: 000

OTHER: 006

JPRS

Card 1/1 *BP*

CULEK, Bohumil, inz.

Effect of parameters of mechanical vibration generators on the results
of resonance measurement. Zpravodaj VZLU no. 5:27-37 '61.

Z/041/63/000/002/004/005
E192/E135

AUTHOR: Culek, Bohumil, Engineer

TITLE: Analysis of the parameters of the vibrators used for
the dynamic testing of structural components

PERIODICAL: Strojnický časopis, no. 2, 1963, 181-188

TEXT: An electrodynamic vibrator (comprising a vibrating coil situated in the air gap of a magnet) can be represented by three ideal equivalent circuits: 1) an electrical RLC circuit; 2) a mechanical circuit of mass m , elastance c and mechanical resistance r ; and 3) an ideal lossless electromechanical transducer. Differential equations for the equivalent circuits are discussed in some detail and the performance parameters of some practical vibrators are reviewed. The frequency range covered by these devices is primarily determined by the spacing between their two resonance frequencies; most of the vibrators can be used at frequencies down to 5 - 10 c/s; the upper limit is usually 5 kc/s but some special units can work up to 20 kc/s. The output force of the vibrators ranges from a fraction of a kg to several tons. The maximum deflections produced by the vibrators are of the order Card 1/2

Analysis of the parameters of the ... Z/041/63/000/002/004/005
E192/E135

of ± 2 mm for small units and ± 12 mm for the very large devices. Output force-to-weight ratio of the vibrators varies from about 0.2 for very small devices to 1.0 for the largest available units. Three different types of electrodynamic vibrator (VB 01, VB 04 and VB 07) were developed in Czechoslovakia by the Výzkumný ústav tepelné techniky (Research Institute for Heat Engineering) and Výzkumný a zkušební letecký ústav (Aircraft Research and Test Institute). The paper was read at the Second National Conference on Machine Dynamics. There are 6 figures.

Card 2/2

CULEK, Bohumil, inz.

Optimization of vibration motor parameters for dynamic tests
of constructions. Zpravodaj VZLU 3:41-51 '64.

RUSMAN, Zlatan, inz. (Zagreb); GACESA, Tea, inz. (Zagreb); CULEK, Cedomir,
inz. (Zagreb); BOZURIC, Dusan, teh. (Zagreb)

Aluminum alloys of high mechanical properties. Ljevarstvo 8 no. 3/4:
89-97. 1961.

1. Institut za lake metale, Zagreb.

RUSMAN, Zlatan, inz. (Zagreb); GACESA, Tea, inz. (Zagreb);
CULEK, Cedomir, inz. (Zagreb); BOZURIC, Dusan, teh. (Zagreb)

Aluminum alloys of high mechanical properties. Ljevarstvo
8 no.3/4:89-97 '61.

1. Institut za lake metale, Zagreb.

CULEK, Jaroslav, inz.

Use of new technology for relief measurement. Geod kart obzor 10
no.11:283-284 N '64.

HORKOVIC-KOVAC, G.; WIEDERMANN, V.; CULEN, J.

On the problem of the study of fatigue. Bratisl. Lek. Listy. 42
no. 5:262-271 '62.

1. Z Psychiatrickej kliniky Lek. fak. Univ. Komenskeho v Bratislave,
veduci prof. MUDr. E. Guensberger, a z Psychologickej vychovnej
kliniky v Bratislave, riaditel doc. PhDr. M. Bazany, C. Sc.
(FATIGUE) (NEUROSES) (CENTRAL NERVOUS SYSTEM)

SULEK, R.

"Fighting daily for increased agricultural production.", p. 233,
(ZA SOCIALISTICKE ZEMEDLSTVI, Vol. 3, #3, Mar. 1953, Czechoslovakia)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of
Congress, August 1953, Uncl.

CULIK, A.

Burnt masonry materials and roofing. Stavivo 41 no.3:91-93
Mr '63.

1. Ministerstvo vystavby, Praha.

CZECHOSLOVAKIA

HORACKOVA, E.; ~~CHLIK, A.~~; Research Institute of Human Nutrition (Ustav pro Vyzkum Vyzivy Lidu), Prague - Krc.

"Emotional Deprivation Projection Test for Differential Indication of Treatment in Neuroses."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, p 432

Abstract: The emotional deprivation projection test (EDPT) was used in the investigation of 294 persons. It allows a quicker and more accurate diagnosis of the elemental personality features, the prediction of frustration thresholds during physical and psychic loads, and the classification of neurotic patients for therapeutic indications. The method was used to find a group of 50 people among those investigated who were resistant to any psychotherapeutical approach. 23 among these expressed hostility to the EDPT method. 11 out of these reacted positively to placebo administration. Out of the other 27 who had no objection to EDPT, only 8 reacted positively to a placebo treatment. 2 Western, 1 Czech reference. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik 18 - 22 Jan 66.

1/1

CZECHOSLOVAKIA / POLAND

CWYNAR, S.; RYDZINSKI, Z.; Psychiatric Clinic of the Military Medical Academy, Lodz. [Original version not given].

"Psilocybin in the Treatment of Personality Disturbances."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, p 424

Abstract: Psilocybin administers a biochemical and psychic shock. Under its influence the mental structure of a person is loosened. This condition is suitable for the application of psychotherapeutic treatment; without the treatment the shock is of no benefit. A successful treatment under psilocybin shock must be repeated at least 6 - 10 times. Best results with the treatment are obtained with patients suffering from personality problems. The drug should be handled only by responsible psychiatrists. No references. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18 - 22 Jan 66. Article is in German.

1/1

CULIK, D.

The Prague session on European health. Cas. lek. cesk. 103
no. 44:1226-1228 30 0 '64.

1. Ministerstvo zdravotnictvi, Praha.

CULIK, J.

Scales for measuring the thickness of the snow blanket. p. 114.
METEOROLOGICKE ZPRAVY. Vol. 6, no. 4. Sept. 1953.

SOURCE: East European Accessions List. (EEAL), LC. Vol. 5, No. 3, March 1956.

CULIK, Josef, Dr.

Good effect of spleen extract on acute hepatitis in splenectomized patients. Cas. lek. cesk. 94 no.21:575-576 20 May 55.

1. Infekčni oddelení KUNZ Usti nad Labem.

(SPLEEN

extract, eff. on hepatitis in splenectomized patients)

(HEPATITIS, therapy

spleen extract, in splenectomized patients.)

... of II which of
importance, the most pronounced being that of II which of
... with I, III and V also the most pronounced in

GULIK, J.

Exanthematous meningencephalitis; preliminary report. Cas. lek. česk.
#6 no.36:1146-1147 6 Sept 57.

1. Detske oddeleni KUNZ v Usti nad Labem, prednosta prim. MUDr Vl.
Zorin.

(MENINGOENCEPHALITIS, compl.
exanthema (Cz))
(EXANTHEMA, etiol. & pathogen.
meningoencephalitis (Cz))

CULIK, J.

Research on mechanism of effect of antibiotics on microorganism.
Cas. lek. česk. 96 no.36:1148-1150 6 Sept 57.

1. Detské oddělení KUNZ v Usti n. Lab., prednosta MUDr Vl. Zorin.
(ANTIBIOTICS, eff.
on thyroxine secretion & growth in tadpoles (Cs))
(THYROXINE,
secretion, eff. of antibiotic in tadpoles (Cs))
(GROWTH, eff. of drugs on
antibiotics in tadpoles (Cs))

CULIK, J.; ZIMAK, V.

Meningoencephalitis exanthematica. Cas. lek. cesk. 98 no.23:717-721
5 June 59.

1. IV. detska klinika KU v Praze, prednosta prof. MUDr Frantisek Blazek,
Infekcni oddeleni OUNZ v Teplicich; prednosta prim. MUDr. Vojtech Zimak.
J. G., J.C., Praha 2, Ke Karlovu 2.
(MENINGOENCEPHALITIS, case reports
exanthematica (Cz))

CULIK, J.; za technicke spoluprace BARTOSOVE, D.

Combination of chlorpromazine with antithyroid preparations. Cas.
lek.cesk. 99 no.14:434-437 1 Ap '60.

1. IV. detska klinika KU v Praze, prednosta prof. MUDr. Fr. Blazek.
(CHLORPROMAZINE pharmacol.)
(THYROID ANTAGONISTS pharmacol.)

L 30906-66

ACC NR: AP6022946

SOURCE CODE: CZ/0085/65/000/005/0149/0152

AUTHOR: Culik, Jaroslav; Hrbek, Josef

ORG: HMU

TITLE: Minimum temperatures during slight frosts in the fruit-growing region

SOURCE: Meteorologicke zpravy, no. 5, 1965, 149-152

TOPIC TAGS: atmospheric temperature, frost, agriculture crop

ABSTRACT: The article presents the results of measurements of the minimum temperatures in the period of autumn frosts in the rugged terrain of characteristic regions of the Czech highlands and Southern Moravia, which are rich fruit-growing areas. [JPRS]

SUB CODE: 04, 02 / SUBM DATE: none / SOV REF: 001 / OTH REF: 004

Cord 1/1 CC

UDC: 551.524.36/.37: 634

095

10 22

CULIK, KACI

01/14/86

GIVEN POSITIVE ANSWERS TO THE FOLLOWING QUESTIONS:

1. (a) Is the following statement true?
The U.S. is a "Boulder" state.

Yes

CULIK, KARL

Preparing pure crystalline salts of penicillin with organic amines. Karel Culik, Vladimir Porezi, and Miroslav Vondracek. Czech. 85,152, Dec. 1, 1955. An aq. soln. (210 l.) of crude Na salt of penicillin (I) contg. 31,300 units/ml. was acidified with 50% H₃PO₄ to pH 1.9, cooled to 1-5°, and extd. 3 times with 50 l. CHCl₃. The combined CHCl₃ exts. were dried and neutralized to pH 7.5-8.5 with 50% soln. of 1-ethylpiperidine (II) in Bu acetate (III), decolorized with 2 kg. C, stirred 20 min., and filtered. The filtrate was evapor. at reduced pressure to begin crystn. The remainder was treated with 5 l. III and evapor. again to remove CHCl₃. The pasty residue was diss. with Me₂CO, and the pure crystall. II salt of I was collected and washed with dry Me₂CO to yield 4420 g. cryst. substance which assayed 1350 units/mg.

L. J. Udoeuek

CULIK, Karel

Decomposition of a terminal automaton and remark on its analysis. Aplikace mat. 8 no.4; 292-301 '63.

"On formally undecidable propositions of Principia Mathematica and related systems" by Kurt Godel. Reviewed by Karel Culik. 317-318

1. Matematicka laborator, Ceske vysoke uceni technicke, Praha 2, Horská 3.

CULIK, Karel

"Abstract sets and finite ordinals" by G.B. Keene. Reviewed by
Karel Culik. Aplikace mat 8 no.3:230 '63.

CULIK, Karel

"Formal logic" by Paul Lorenzen. Reviewed by Karel Culik.
Aplikace mat 8 no.5:397 '63.

CHULIK, Karel [Culik, Karel]

Remark on the construction of regular graphs of the third order containing the Hamiltonian circle. Cas pro pest mat 89 no.4:385-389 0 '64.

Life, work and personality of Ladislav Rieger. Ibid.:492-494

1. Institute of Mathematics of the Czechoslovak Academy of Sciences, Prague 1, Zitna 25. Submitted January 24, 1962.

CULIK, Karel, dr. CSc.

Semantics and translation of grammars and ALGOL-like languages. Kybernetika 1 no.1:47-49 '64.

1. Institute of Mathematics of the Czechoslovak Academy of Sciences, Prague 1, Zitna 25. Submitted June 25, 1964.

L 3050-66 RED-2/EWP(1) IJP(c) BB/GG

ACCESSION NR: AP5026341

CZ/0088/65/000/001/0047/0049

AUTHOR: Calik, Karel⁴⁴ (Doctor, Candidate of sciences)

33
B

TITLE: Semantics and translation of grammars and ALGOL-like languages

SOURCE: Kybernetika, no. 1, 1965, 47-49

TOPIC TAGS: computer language, machine translation, algorithm

Abstract [English article, author's Czech summary]^{16C.44}: The notion of translation is defined mathematically, in the usual way, as a mapping of the expressions such that their meanings are invariant. This mapping is described as a construction which can be divided into three algorithms: analysis of the given expression, giving the corresponding phrase marker; translation of the symbols and rules, giving the corresponding phrase marker in the target language; and the synthesis of the resultant expression.

ASSOCIATION: Matematicky ustav CSAV, Prague (Mathematics Institute CSAV) ⁴⁴

SUBMITTED: 25Jun64

ENCL: 00

SUB CODE: DP

NO REF SOV: 000

OTHER: 000

JPRS

Card 1/1

(Signature)

CULIK, M.

Chamfering of metal parts by brushing. Stroj vyr 10
no.10:21 0 '62.

1. Ceske zavody motocyklove, n.p., Strakonice.

TOMASEGOVIC, Z.; JANKOVIC, Z.; PETKOVIC, V.; STANIC, M.; BETLHEIM, S.; BLAZEVIC, D.; PERSIC, N.; ZORINC, S.; TEODOROVIC, B.; VRANCIC, J.; VODOPIJA, I.; ANTONIAZZO, Z.; CULIC, R.; GALINOVIC, WEIEGLASS, M.; ~~RADANOV, Z.~~ MRUVUNAC, B.; KOEHLER-KUBELKA, N.; CEZNER, M.; KOHN, V.; TEKAVGIC, B.; EMILI, H.; SMERDEL, S.; SOOS, E.; VUKSANOVIC, V.; JANJATOVIC, M.; ~~DERVISEVIC, I.~~ GRUENWALD, P.; SKRABALO, Z.; CREPINKO, I.; HAUPTMANN, E.; VIDACEK, S.; HORVAT, A.; MIOCKA, O.; IVANCEVIC, D.; PERGER, A.; KRSNJAVI, B.; PRAZIC, M.; SALAJ, B.; SUBOTIC, R.; RADOSEVIC, Z.; KELER-BACOKA, M.; HAHN, A.; MATKOVIC, B.; RADONIC, M.

Reveiw of periodicals; medicine. Bul so Youg 9 no.4/5:145-147
Ag-O '64.

GULINA, Sime

Regeneration of the old waste sand. Ljevarstvo 9 no.5/6:
113-120 '62.

1. Zeljezara Sisak.

CULINA, Sime

Activation of the hearth of cupola furnaces. Ljevarstvo 9
no.5/6:127-130 '62.

1. Zeljezara Sisak.

CULINOVIC, FERIO.

Razvitak jugoslavenskog federalizma. Zagreb, Skolska knjiga, 1952.
167 p.

SO: EEAL, Vol. 5, No. 7 July 1956

CULENOVIC, Nikola, inz. (Rijeka)

Problems of rain overflows. Gradevinar 14 no.5:152-155 My '62.

CULINOVSKI, C.

"A belated flight; a short story. Tr. from the Russian". p. 18.
(AVIATIA SPORTIVA, Vol. 5, No. 2, Feb. 1954, Bucuresi, Rumania)

SO: Monthly List of East European Accessions, (EMAL), LC, Vol. 3,
No. 12, Dec. 1954, Uncl.

ANDREI, S., ing.; CULITA, C., ing.; SBENGHE, R., ing.

Research on the steeping sensibility of loesses. Hidrotehnica
7 no. 6:173-187 Je '62.

DAMIAN, C., conf. ing., candidat in stiinte tehnice; CULITA, T.,
ing.

Utilization of rope strands as prestressed reinforcements
in preparation of concrete elements. Rev constr si mat
constr 16 no. 112-11 Ja '64.

CULJAK, F.

Yugoslavia (430)

Technology

Some problems concerning the service of railroad
personnel. p. 339, Zeleznice, Vol. 8, no. 11,
November 1952.

East European Accessions List, Library of Congress,
Vol. 2, No. 3, March 1953. UNCLASSIFIED.